

WHAT IS CLAIMED IS:

1. Installation for spraying coating product comprising at least one robot of which a mobile part supports at least one sprayer and a tank of coating product connected thereto for feeding said sprayer,
- 5 wherein said robot bears a second tank adapted to be filled with cleaning product, said second tank being connected in order to feed cleaning product to said tank of coating product, said sprayer and/or conduits connecting said tank of coating product to said sprayer.
- 10 2. The installation of Claim 1, wherein said second tank presents an internal volume allowing it to contain a quantity of cleaning product sufficient to clean said tank of coating product, said sprayer and/or said conduits at least twice.
- 15 3. The installation of Claim 1, wherein said second tank is mounted on said robot in the vicinity of the tank of coating product.
4. The installation of Claim 1, wherein it comprises first connection means located at a fixed station in the vicinity of said robot and second connection means mounted on said robot and connected to said second tank, said first and second connection means being adapted to establish a connection between a circuit for feeding cleaning product and said second tank.
- 20 5. The installation of Claim 4, wherein said second connection means are adapted to be connected to said first connection means when the first and second principal connection means, respectively provided at a fixed station and on said robot, are connected for filling said tank of coating product.
- 25 6. The installation of Claim 4, wherein said first principal connection means comprise different connectors each connected to a circuit for feeding a predetermined coating product, a first connection means for feeding the second tank being disposed in the vicinity of each connector.

7. The installation of Claim 1, wherein said robot bears a third tank connected to said tank of coating product, to said sprayer and/or to conduits connecting said tank to said sprayer, said third tank being adapted to receive at least a part of the residues of cleaning of said tank of coating product, of said sprayer and/or of said conduits.

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8. The installation of Claim 7, wherein said third tank is mounted on said robot in the vicinity of the tank of coating product and of the second tank.

9. The installation of Claim 7, wherein it comprises means for connecting said third tank to a dump circuit.

10 10. The installation of Claim 1, wherein said second tank and possibly said third tank are piston tanks.

11. The installation of Claim 1, wherein said second tank and possibly said third tank are tanks with deformable wall.

12. Process for cleaning an installation for spraying coating product comprising a tank of coating product and a sprayer associated therewith, said tank and/or said sprayer being mounted on a robot, wherein it comprises a step consisting in feeding said tank, said sprayer and/or the conduits connecting said tank to said sprayer, with cleaning product from a second tank mounted on the robot.

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20 13. The process of Claim 12, wherein feed of said tank of coating product, of said sprayer and/or of said conduits with cleaning product from the second tank is effected at the end of a step of spraying of coating product.

14. The process of Claim 13, wherein said tank of coating product, said sprayer and/or said conduits are fed with cleaning product from the second tank before the tank of coating product is filled again.

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15. The process of Claim 12, wherein the second tank is fed with cleaning

product at the same time as the tank of coating product is filled.

16. The process of Claim 12, wherein the residues of cleaning of said tank of coating product, of said sprayer and/or of said conduits are at least partly stored temporarily in a third tank mounted on said robot.

5 17. The process of Claim 14, wherein it comprises a step consisting in pouring the contents of said third tank in a dump circuit.

18. The process of Claim 17, wherein the step of pouring the contents of the third tank takes place after a step of filling said second tank with cleaning product.

10 19 The process of Claim 17, wherein the step of pouring the contents of the third tank takes place before a step of filling the second tank with cleaning product.

20. The process of Claim 17, wherein it comprises steps consisting in alternately connecting said second tank to a circuit for feeding cleaning product 15 and said third tank to said dump circuit, using common connection means provided on said robot.

21. The process of Claim 17, wherein the step consisting in pouring the contents of the third tank towards the dump circuit and/or the step consisting in filling the second tank take place simultaneously to the filling of the tank of 20 coating product.

22. The process of Claim 12, wherein said tank of coating product, said sprayer and said conduits are cleaned by streams of air and cleaning product.